| Ref<br># | Hits | Search Query  | DBs                  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|----------------------|---------------------|---------|------------------|
| L1       | 517  | fault adj tolerant and self adj test  | US-PGPUB;<br>USPAT   | OR                  | ON      | 2005/06/21 07:10 |
| L2       | 377  | 1 and (switch or crossconnect or (cross adj connect))   | US-PGPUB;<br>USPAT   | OR                  | ON      | 2005/06/21 07:12 |
| L3       | 294  | 2 and @ad<"20011019"  | US-PGPUB;<br>USPAT   | OR                  | ON      | 2005/06/21 07:12 |
| S2       | 261  | "398"/\$.ccls. and (backup or protection) near2 (switch or crossconnect)                      | US-PGPUB;<br>USPAT   | OR                  | ON      | 2005/06/20 15:53 |
| S3       | 148  | 398/61-64.ccls.   | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 10:27 |
| S4       | 59   | 398/68.ccls.  | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 11:01 |
| S5       | 78   | "398"/\$.ccls. and fault adj tolerant   | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:25 |
| S6       | 4    | fault adj tolerant and cross-connect  | EPO; JPO;<br>DERWENT | OR                  | ON ,    | 2005/06/21 07:09 |
| S7       | 0    | fault adj tolerant and crossconnect   | EPO; JPO;<br>DERWENT | OR                  | ON      | 2004/09/08 12:55 |
| S8       | 13   | halgren.in. and switch  | EPO; JPO;<br>DERWENT | OR                  | ON      | 2004/09/08 12:55 |
| S9       | 49   | "398"/\$.ccls. and self adj test  | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:30 |
| S10      | 862  | "398"/\$.ccls. and controller and fail\$3   | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:37 |
| S11      | 620  | ("398"/\$.ccls. and controller and fail\$3) and (switch or crossconnect)                      | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:31 |
| S12      | 491  | (("398"/\$.ccls. and controller and fail\$3) and (switch or crossconnect)) and @ad<"20011019" | US-PGPUB;<br>USPAT   | OR                  | ON .    | 2004/09/08 13:37 |
| S13      | 304  | "398"/\$.ccls. and controller with (switch or crossconnect) and fail\$3                       | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:37 |
| S14      | 240  | ("398"/\$.ccls. and controller with (switch or crossconnect) and fail\$3) and @ad<"20011019"  | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:47 |
| S15      | 9259 | controller with active and (switch or crossconnect)   | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:46 |
| S16      | 2678 | (controller with active and (switch or crossconnect)) and optical                             | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:46 |
| S17      | 1624 | (controller with active and (switch or crossconnect)) and redundant                           | US-PGPUB;<br>USPAT   | OR                  | ON      | 2004/09/08 13:46 |
| S18      | 579  | (controller with active and (switch or crossconnect)) and redundant and optical               | US-PGPUB;<br>USPAT   | OR                  | ÓN      | 2004/09/08 13:46 |

|     |      | <del></del>  |                      |      |         | T                |
|-----|------|--|----------------------|------|---------|------------------|
| S19 | 457  | ((controller with active and (switch<br>or crossconnect)) and redundant<br>and optical) and @ad<"20011019" | US-PGPUB;<br>USPAT   | OR   | ON      | 2004/09/09 07:57 |
| S20 | 1228 | 385/16.ccls. and @ad<"20011019"  | US-PGPUB;<br>USPAT   | OR   | ON      | 2004/09/08 15:42 |
| S21 | 168  | (385/16.ccls. and<br>@ad<"20011019") and (coupler or<br>splitter) and controller                           | US-PGPUB;<br>USPAT   | OR   | ON      | 2004/09/08 15:43 |
| S22 | 7    | "5887090".URPN.  | USPAT                | OR   | ON      | 2004/09/08 15:58 |
| S23 | 972  | "398"/\$.ccls. and controller same switch  | US-PGPUB;<br>USPAT   | OR   | ON      | 2004/09/09 15:07 |
| S24 | 793  | ("398"/\$.ccls. and controller same switch) and @ad<"20011019"   | US-PGPUB;<br>USPAT   | OR   | ON      | 2004/09/09 08:35 |
| S25 | 9    | two adj switch adj controller  | US-PGPUB;<br>USPAT   | OR   | ON      | 2004/09/09 08:54 |
| S26 | 9    | (two or each) adj switch adj<br>controller   | US-PGPUB;<br>USPAT   | OR   | ON      | 2004/09/09 08:55 |
| S27 | 2    | fault adj tolerant and transponder   | EPO; JPO;<br>DERWENT | OR   | ON      | 2004/09/09 12:01 |
| S28 | 103  | fault adj tolerant and transponder   | US-PGPUB;<br>USPAT   | OR · | ON      | 2004/09/09 12:02 |
| S36 | 15   | "398"/\$.ccls. and @pd="20050614"  | USPAT                | OR   | ON      | 2005/06/15 16:56 |
| S39 | 74   | stevens.in. and lockheed.as.   | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/16 08:26 |
| S40 | 2    | S39 and "398"/\$.ccls.   | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/16 08:24 |
| S43 | 7889 | self adj test and (switch or crossconnect or (cross adj connect))  | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/16 11:32 |
| S44 | 2319 | S43 and optical  | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/16 11:32 |
| S45 | 1653 | S43 and optical and<br>@ad<"20011019"  | US-PGPUB;<br>USPAT   | OR   | ON<br>· | 2005/06/16 13:09 |
| S46 | 552  | S45 and redundan\$2  | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/16 12:14 |
| S47 | 571  | primary adj2 switch same<br>secondary adj2 switch  | US-PGPUB;<br>USPAT   | OR · | ON      | 2005/06/16 12:15 |
| S48 | 79   | S47 and optical and<br>@ad<"20011019"  | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/16 13:08 |
| S49 | 517  | fault adj tolerant and self adj test   | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/16 13:09 |
| S50 | 66   | S49 and optical and<br>@ad<"20011019"  | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/16 15:01 |
| S57 | 464  | "398"/19,45,50.ccls.   | US-PGPUB;<br>USPAT   | OR   | ON      | 2005/06/21 08:06 |

| S58 | 312 | S57 and @ad<"20011019" | US-PGPUB; | OR | ON | 2005/06/20 15:53 |
|-----|-----|------------------------|-----------|----|----|------------------|
|     |     |                        | USPAT     |    |    |                  |